

AMENDMENTS TO THE CLAIMS

The listing of claims will replace all prior versions and listings of claims in the application:

1. **(Currently Amended)** A computer program product located to one or more storage media devices usable to perform integration of mixed format data, said computer program product comprising instructions executable by a computer to perform the functions of:

accessing a feed of relational database records, said database records including both structured data and unstructured data;

the unstructured data of a particular database record including free text ~~related to the structured data of that data record, wherein the unstructured data is derived independently of the structured data;~~

extracting relational facts from the free text, said extracting step being performed using linguistic information from the free text;

producing a set of construed data from said unstructured data, each construed datum in the set of construed data containing at least one relational fact extracted from free text;

relating each construed datum being relatable to the structured data of the database record in which said free text was found; and

integrating the construed data with the particular structured data to which the construed data relates.

2. **(Cancelled)**

3. **(Cancelled)**

4. **(Previously Presented)** A computer program product according to claim 1, further comprising the step of applying caseframes while performing said extracting step.

5. **(Original)** A computer program product according to claim 1, wherein said instructions are further executable to perform the function of producing a new database containing the integrated data produced by said integrating.

6. **(Previously Presented)** A computer program product according to claim 1, wherein said data feed is a database, and wherein said instructions are further executable to perform the function of inserting the construed data into said database while performing said integrating step.

7. **(Previously Presented)** A computer program product according to claim 1, wherein said instructions are further executable to perform the function of creating a new database containing the construed data.

8. **(Previously Presented)** A computer program product according to claim 7, wherein said new database is a relational database which relates said relational facts to said structured data.

9. **(Original)** A computer program product according to claim 8, wherein the instructions are further executable to produce a file containing the integrated data produced by said integrating.

10. **(Original)** A computer program product according to claim 9, wherein the instructions are further executable to produce a file having a format selected from the group of XML, character separated values, spreadsheet formats and file-based database structures.

11. **(Original)** A computer system including a computer program product according to claim 1, further comprising:

a processing unit coupled to said one or more storage media devices, said processing unit being capable of executing said instructions; and

an execution command unit, whereby operation of said instructions and said processing unit may be commanded or controlled.

12. **(Original)** A computer program product according to claim 1, wherein said instructions are further executable to combine like attributes for the extracted relational fact types produced in performing said extracting relational facts from the free text.

13. **(Original)** A computer program product according to claim 1, wherein said instructions are further executable to combine like relational fact types for the extracted relational facts produced in performing said extracting relational facts from the free text.

14. **(Original)** A computer program product according to claim 1, wherein said instructions provide relationships with domain roles applied in performing said extracting relational facts from the free text.

15. **(Original)** A computer program product according to claim 1, wherein said instructions store the relational facts produced in performing said extracting relational facts from the free text.

16. **(Original)** A computer program product according to claim 1, wherein the extracted relational facts produced in performing said extracting relational facts and the integrated data produced by the performance of said integrating the produced data includes reference information to the original free text.

17. **(Currently Amended)** A computer program product located to one or more storage media devices usable to perform integration of mixed format data, said computer program product comprising instructions executable by a computer to perform the functions of:

accessing a database containing data records, at least some of the data records containing both structured data and unstructured data, the unstructured data including free text that is added to the data records independently of the structured data, wherein the structured data reflects information captured separately from the unstructured data;

using linguistic information to extract relational facts from the free text;

producing a set of construed data reflecting at least one relational fact conveyed in said free text, each construed datum in the set of construed data containing at least one relational fact; ~~each construed datum being further relatable to the structured data in the data record from which said free text was read;~~

relating each construed datum to the structured data in the corresponding data record in which the corresponding free text was stored;

integrating said construed data with the structured data of the data record to which said construed data relates, said integrating step retaining reference information to the original free text; and

constructing a library containing extracted attributes.

18. **(Currently Amended)** A method for integrating mixed format data, comprising the steps of:

accessing a database containing data records, at least some of the data records containing both structured data and unstructured data, the unstructured data including free text that is generated by first processes that are separate from second processes that generate the structured data;

producing a set of construed data reflecting at least one relational fact conveyed in free text, each construed datum containing at least one relational fact, each construed datum being further relatable to the structured data;

relating each construed datum with the data records in which corresponding free text is located and

integrating the produced data with the structured data.

19. **(Cancelled)**

20. **(Cancelled)**

21. **(Previously Presented)** A method according to claim 18, further comprising the step of applying caseframes to said free text.

22. **(Previously Presented)** A method according to claim 18, further comprising the step of producing a new database containing the integrated data produced by said integrating step.

23. **(Previously Presented)** A method according to claim 18, further comprising the step of inserting the produced data into said database.

24. **(Original)** A method according to claim 18, further comprising the step of creating a new database.

25. **(Original)** A method according to claim 24, wherein the new database is a relational database.

26. **(Previously Presented)** A method according to claim 24, wherein new database includes at least one file containing the integrated data produced by said integrating step.

27. **(Original)** A method according to claim 26, wherein the new database has a format selected from the group of XML, character separated values, spreadsheet formats and file-based database structures.

28. **(Original)** A method according to claim 18, further comprising the step of combining like attributes for the extracted relational facts produced in performing said extracting relational facts from the free text.

29. **(Original)** A method according to claim 18, further comprising the step of combining like relation types for the extracted relational facts produced in performing said extracting relational facts from the free text.

30. **(Original)** A method according to claim 18, wherein domain roles are applied in said step of extracting relational facts from the free text.

31. **(Original)** A method according to claim 18, further comprising the step of storing the relational facts produced in performing said extracting relational facts from the free text.

32. **(Original)** A method according to claim 18, wherein the extracted relational facts produced in performing said extracting relational facts and the integrated data produced by the performance of said integrating the produced data includes reference information to the original free text.

33. **(Previously Presented)** A computer program product according to claim 1, wherein said instructions are further executable to replace like or related attributes for relational facts with a common canonical representation based on those like or related attributes.

34. **(Previously Presented)** A computer program product according to claim 1, wherein said instructions are further executable to replace like or related relational fact types with a common canonical representation.